Troubleshooting Cisco Container Platform

This appendix describes the problems that may occur during the installation and operation of Cisco Container Platform and the possible ways of resolving these problems.

It contains the following topics:

Unable to Deploy NGINX Ingress Controller Using Helm

Description	Error Message	Recommended Solution
Deploying the NGINX Ingress controller using Helm fails as RBAC is not configured in Helm.	It seems the cluster it is running with Authorization enabled (like RBAC) and there is no permissions for the ingress controller. Please check the configuration	As Cisco Container Platform uses RBAC for authentication, Helm also needs to be configured to use RBAC. Enable the RBAC parameter in Helm using the following command: `--set rbac.create=true`

Unable to Start NGINX Ingress Controller Pod

Description	Error Message	Recommended Solution
When kube-proxy is used, setting both the `controller.service.externalIPs` and `controller.hostNetwork` variables to **true** for the NGINX-Ingress chart results in an invalid configuration. Both kube-proxy and NGINX uses port 80 for communication, causing a port conflict, and the NGINX Ingress controller pod is set to the `CrashLoopBackOff` state.	Port 80 is already in use. Please check the flag --http-port	Ensure that both the `controller.service.externalIPs` and `controller.hostNetwork` variables are not set to **true** at the same time.

Unable to Power on Worker VMs after a Shutdown

Description	Error Message	Recommended Solution
Worker VMs may fail to power on after a shutdown.	File system specific implementation of LookupAndOpen[file] failed.	Follow these steps to resolve the problem: 1. In the left pane, click on the VM that you want to powere on. 2. In the right pane, from the **Actions** drop-down list, choose **Edit Settings**. The **Edit Settings** window displays the multiple hard disks of the VM. 3. Except for the primary hard disk (Hard disk 1), click each hard disk, and then click the **Remove** icon. **Note** Ensure that the **Delete files from datastore** check box is not checked. 4. Click **OK**.